



THICKNESS OF CONCRETE IN INCHES					
DIAMETER (INCHES)	HEIGHT OF WETWELL (FEET)				
	3-6	7-12	13-20	21-25	26-35
36 TO 41	0.2500	0.2500	0.3125	0.3750	0.4375
42 TO 47	0.2500	0.3125	0.3750	0.4375	0.5000
48 TO 53	0.3750	0.3750	0.3750	0.4375	0.5625
54 TO 57	0.3750	0.3750	0.4375	0.5000	0.5625

SPEC. ASTM 3753

NOTES:

1. CLOTH AND RESIN SHALL BE USED TO COVER ALL EXPOSED CONCRETE ABOVE WATER LEVEL.
2. THE INSTALLATION OF THE OPTIONAL HATCH AND COVER SHALL BE PREAPPROVED BY THE DIVISION MANAGER.
3. PENETRATIONS TO EXISTING MANHOLES SHALL BE CORE BORED.
4. DURING PLACEMENT OF THE FIBERGLASS LINING, IF THE BENCH IS NOT REMOVED TO ALLOW THE LINING TO EXTEND TO THE BOTTOM OF THE MANHOLE, THE EXISTING BENCH SHALL BE NOTCHED AGAINST THE MANHOLE WALL FOR THE ENTIRE CIRCUMFERENCE TO A MINIMUM DEPTH OF TWO (2) INCHES. THE FIBERGLASS LINING SHALL BE PLACED AND SEALED INTO THE NOTCH, ANY NEW CONCRETE/GROUT TO BE PLACED OVER THE EXISTING BENCH SHALL BE BONDED TO THE EXISTING BENCH USING AN APPROVED EPOXY BASE ADHESIVE TO PREVENT COLD JOINTS AND TO PROVIDE FOR PROPER BONDING.
5. SEE MANHOLE CONNECTION DETAILS FOR FORCEMAIN CONNECTION REQUIREMENTS.

TYPICAL FIBERGLASS LINER INSTALLATION
IN EXISTING MANHOLE FOR PROPOSED
FORCE MAIN CONNECTION